Supplementary File 4: Questionnaire items used to measure social and community processes and outcome measures for the analysis

Social / Community Process	Indicator	Questionnaire items	Response structure	Data collection	Outcome measure
Social networks	Contact with friends and neighbours	How often do you: i. Meet up with friends ii. Speak to friends on the phone iii. Write to friends iv. Speak to neighbours	Most days; once a week or more; once or twice a month; less often than once a month; never; don't know	Adult household survey	Score the responses to indicate approximate number of days per month Most days=28 Once a week or more=12 Once or twice a month=2 Less often than once a month=0.5 Never=0 Don't know = treat as missing Sum the scores across the domains to give a total relative frequency of social contact events

Social / Community Process	Indicator	Questionnaire items	Response structure	Data collection	Outcome measure
Social support	Help provided	How many people outside your home could you ask for the following kinds of help: i. Buy groceries if you are unwell ii. Lend you money for a few days iii. Give advice and support in a crisis	None; one or two; more than two; would not ask;	Adult household survey	Score the responses: None=0 One or two = 1 More than two=2 Would not ask = 0 Don't know=missing Prefers not to say = missing Sum scores across questions to give a social support score with range 0-6
Social integration and trust	Residents' perceptions of neighbour interaction	Would you say that: a. Most of the people in your neighbourhood can be trusted b. Some can be trusted c. A few can be trusted d. No-one can be trusted e. Just moved here f. Don't know g. Prefers not to say		Adult household survey	Separate binary outcomes: Trust = most or some can be trusted vs. other responses

Social / Community Process	Indicator	Questionnaire items	Response structure	Data collection	Outcome measure
		To what extent do you agree or disagree that this neighbourhood is a place where people from different backgrounds get on well together?	Definitely agree; tend to agree; tend to disagree; definitely disagree; don't know; too few people in the neighbourhood; all same background		Different backgrounds get on = definitely or tend to agree vs. other responses
		How much of a problem is people being attacked or harassed because of their skin colour, ethnic origin or religion?	Very big problem; fairly big problem; not a very big problem; it happens but it's not a problem; not a problem at all; don't know		Racial harassment = very or fairly big problem vs. other responses
Collective efficacy	Residents' perceptions of neighbours mutual help and working together	To what extent do you agree or disagree that people in this neighbourhood pull together to improve the neighbourhood?	Definitely agree; tend to agree; tend to disagree; definitely disagree; don't know; nothing needs improving	Adult household survey	Separate binary outcomes: People pull together = definitely or tend to agree vs. other responses
		Is this a neighbourhood in which people do things together and try to help each other, or one in which people mostly go their own way?	Help each other; go own way; mixture; don't know		Help each other = health each other vs. other responses

Social / Community Process	Indicator	Questionnaire items	Response structure	Data collection	Outcome measure
Civic participation	Involvement in volunteering activities; involvement in activism on local issues	During the last 12 months have you given any unpaid help to any groups, clubs or organisations in any of these ways?	Raising or handling money/taking part in a sponsored event; leading the group/member of a committee; organising or helping run an activity or event; visiting people; befriending or mentoring people; giving advice/information/counselling; secretarial/admin/clerical work; providing transport/driving; representing; campaigning; other practical help; any other help; none of the above	Adult household survey	Binary: Involvement in any activity vs. no involvement

Social / Community Process	Indicator	Questionnaire items	Response structure	Data collection	Outcome measure
		In the last 12 months have you taken any of the following actions in an attempt to solve a problem affecting people in your local area?	Contacted a local radio/television station or newspaper; contacted the appropriate organisation such as the council; contacted a local councillor or MP; attended a public meeting or neighbourhood forum to discuss local issues; attended a tenants' or local residents' group; attended a protest meeting or joined an action group; helped organise a petition on a local issue; no local problems; none of these; don't know; none of the above		Binary: Taken any action vs. no action
Antisocial behaviour	Residents' perceptions of antisocial behaviour	I am going to read out a list of problems which some people face in their neighbourhood. For each one, please can you tell me how much of a problem it is: How much of a problem are people being drunk or rowdy in public places? How much of a problem is rubbish or litter lying around?	Very big problem; fairly big problem; not a very big problem; it happens but it's not a problem; not a problem at all; don't know	Adult household survey	Binary indicator for each question: **Very or fairly big problem vs. other responses** Sum binary scores across the questions to give a perceived antisocial behaviour score ranging between 0 and 6

Social / Community Process	Indicator	Questionnaire items	Response structure	Data collection	Outcome measure
Antisocial behaviour	Signs of antisocial behaviour observed by field workers	How much of a problem are vandalism, graffiti and other deliberate damage to property or vehicles? How much of a problem are people using or dealing drugs? How much of a problem are teenagers hanging around on the street? How much of a problem are troublesome neighbours? When you walked around this segment did you see: Litter of broken glass Graffiti Broken or vandalised facilities Broken windows Unattended dogs Large items dumped in public areas (furniture/cars) Dog foul Needles, syringes or condoms Empty beer cans or alcohol bottles Sex paraphernalia (condoms, cards)	None; little; moderate amount; a lot	Neighbourhood environmental audit	Score none=0, little=1, moderate=2, a lot=3 Calculate the mean score for each domain (i.e. litter, graffiti etc.) across the surveyed segments in the LSOA. Sum the domain mean scores for the LSOA and standardise to range between 0 and 100

Social / Community Process	Indicator	Questionnaire items	Response structure	Data collection	Outcome measure
Fear of crime	Residents' perceptions of neighbourhood safety	How safe do you feel generally when you are walking outside alone in this neighbourhood during the daytime? How safe do you feel when you are walking outside in this neighbourhood alone after dark?	Very safe; fairly safe; a bit unsafe; very unsafe; never out alone	Adult household survey	Separate binary outcomes: **Very or fairly safe vs. other responses**